to Mr. Collinson." Mr. Bartram's description of it, as it appears in his journal up the river St. John, published by Dr. Stork, in his account of East Florida, is as follows. "Near here my son found a lovely, sweet tree, with leaves like the sweet bay, which smelled like Sassafras, and produces a strange kind of seed-pop; but all the seed was shed. The severe frost had not hurt it;—some of them grow nearly twenty feet high, a charming bright evergreen aromatic."*

Of the medicinal properties of this shrub, I am unable to speak with the certainty, which might have attended an extensive number of trials, made with the bark of full grown specimens. From the evidence afforded by the bark and leaves of a greenhouse specimen, and by the analogy of other species, and similar trees, I should not feel much hesitation in attributing to the Illicium the properties of a tonic-stimulant and diaphoretic. I have at least satisfied myself that the bark of a twig, and three or four of the leaves, produce no unpleasant consequence. Its bitter taste and aromatic quality point out its analogy to Cascarilla, Canella, Sassafras, and other aromatic barks, which are regularly consumed in the shops. Its

* It is very possible the above description may have been intended for Illicium parviflorum.

co-species, the Illicium anisatum of the East, is used as a condiment to communicate an agreeable flavour to certain dishes. The Chinese chew it after dinner as a stomachic and a sweetener of the breath. In some parts of the East Indies the natives and Dutch mix it with their tea and sherbet. It is also burnt as incense before their idols by some of the oriental nations, and carefully kept as an antidote to various poisons.

The beauty of both these shrubs renders them desirable acquisitions to collectors of plants.

BOTANICAL REFERENCES.

Illicium Floridanum, Linn.—Curtis, *Bot. Mag. t.* 439.—Michaux, i. 526—Pursh, ii. 380.

MEDICAL REFERENCES.

Ellis, *in Philosophical transactions abridged*, xiii, 87. *t.* 2.—Schœpf, 91.

PLATE XLVIII.

Fig. 1. *Illicium Floridanum.*
Fig. 2. *Several stamens magnified.*
Fig. 3. *Pistils magnified.*
Fig. 4. *A pistil separate.*